

# 15572908 Cut Sheet



WEG Electric CFW500 series AC high-performance drive, enclosed, 460 VAC, 3/4hp with 3-phase input, SVC, V/Hz, VVW, FOC or torque mode, A frame, RS-485, Modbus RTU, 65kA SCCR. Optional communication and STO modules available.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/15572908>

## Technical Specifications

Brand	WEG Electric
Item	Drive
Controller Type	High-performance
Series	CFW500
Voltage Type	AC
Nominal Drive Input Voltage	460 VAC
Nominal Drive Output Voltage	460 VAC
Number of Input Phases	3
Number of Output Phases	3
Horsepower By Input Phase	3/4hp with 3-phase input
Amperage Rating	1.6A
Control Mode	SVC, V/Hz, VVW, FOC or torque
Safe Torque Off (STO)	No
Temperature Rating	0 to 50 deg C
Enclosure Type	Enclosed
IP Rating	IP20
Mounting	35mm DIN rail, panel or wall
Frame Size	A
Dynamic Braking	None
Communication Port and Connection Type(s)	(1) RS-485 (3-pin terminal)
Port Protocol(s)	Modbus RTU Master/Slave
Port Speed(s)	up to 38.4k baud
Input Signal	4-20 mA, voltage or potentiometer input
Output Type	PWM output
Reverse Capability	Built-in
Internally Bypassed	No
Carrier Frequency Range	2.5-15 kHz
Output Frequency Range	0.1-500 Hz
Number of Analog Input Channels	1

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Analog Input Signal Type	Current/voltage
Number of Non-Isolated Analog Input Commons	1
Number of Points per Analog Input Common	1
Input Resolution	10-bit
Input Current Signal Range	0-20 mA, 4-20 mA
Input Voltage Signal Range	0-10 VDC
Number of Analog Output Channels	1
Number Of Output Channels	1
Analog Output Signal Type	Current/voltage
Number of Non-Isolated Analog Output Commons	1
Number of Points per Analog Output Common	1
Output Resolution	10-bit
Output Current Signal Range	0-20 mA and 4-20 mA
Output Voltage Signal Range	0-10 VDC
Number of Discrete Input Points	4
Nominal Discrete Input Voltage	24 VDC
Discrete Input Type	Sourcing/sinking
Number of Non-Isolated Discrete Input Commons	1
Number of Points per Discrete Input Common	1
Number of Discrete Output Points	2
Nominal Discrete Output Voltage	240 VAC and 24 VDC

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<b>Discrete Output Type</b>	Relay
<b>Relay Configuration</b>	(1) Form C (SPDT) relay
<b>Number of Non-Isolated Discrete Output Commons</b>	1
<b>Number of Points per Discrete Output Common</b>	1
<b>Load Current</b>	0.5A/point relay, 150 mA/point discrete
<b>Fuse Type</b>	User-supplied external fuse
<b>Programming Language</b>	Ladder
<b>SCCR Rating</b>	65kA SCCR
<b>Connector Type</b>	Screw terminal
<b>For Use With</b>	3-phase induction and permanent magnet AC motors
<b>Additional Information</b>	Optional communication and STO modules available
<b>Manufacturer Part Number</b>	CFW500A01P6T4NB20G2

## Agency Approvals

<b>UL Listed File #</b>	E184430
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>